

DESCRIPTIONS OF NEW SPECIES OF  
XYSMATODOMA, &C.

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BOMBYCINA.

LYMANTRIADÆ.

ANTHELA RUBICUNDA, Swin.

(*Darala rubicunda*, Swin., Ann. Mag., N.H., ix., p. 419, June, 1902. *Anthela phanicias*, Turn., Tr. Royal Soc., S.A., p. 182, July, 1902.)

Roebourne, W.A.; Mackay, Brisbane. Duaringa, Queensland; Palmerston, Northern Territory.

The late Mr. G. Barnard bred this species from larvæ feeding on *Eucalyptus* sp.

NOCTUIDÆ.

AGARISTINÆ.

IDALIMA PLACODES, Low.

(*Cruria* (?) *placodes*, Low., Trans. Roy. Soc., p. 30, 1903.)

IDALIMA HEMIPHAGMA, Low.

(*Cruria hemiphagma*, *ib.*, *l.c.*, 1903.)

I refer both these species to Turner's genus *Idalima*; the latter species has a strong broad conical horny projection from forehead; and the former has a similar, but much more feeble appendage. I would have referred *hemiphagma* to *Coenotoca*, Turn., but it has no abdominal crests, but the frontal projection and neuration are exactly as in that genus, and it is highly probable that when allied forms are discovered this latter genus will have to be merged into the former.

HOMOPTERINÆ.

GRAMMODES PULCHERRIMA, Luc.

(P.L.S., N.S.W., p. 258, 1892.)

*Grammodes minor*, Swin.

*Grammodes Clementi*, Swin., Ann. Mag., N.H., viii., 133, 1901.

GRAMMODES OCELLATA, Tepp.

(Nat. Ins., S.A., p. 46, 1890. *Grammodes excellens*, Luc., P.L.S., N.S.W., p. 257, 1892.)

Brisbane, Queensland; Adelaide, S. Australia; Derby, Western Australia; Broken Hill, N.S. Wales.

MOLOPA PLANALIS, Swin.

(Ann. Mag., N.H., ix., p. 421, 1902. *Churia thermodes*, Low., Tr. Roy. Soc., S.A., p. 34, 1903.)

Derby and Roebourne, Western Australia; Tennant's Creek, S. Australia.

Hampson refers this to *Churia*.

HYPENINÆ.

PRIONOPHORA RHODINASTIS, Meyr.

(Tr. Ent. Soc., Lond., p. 44, 1902. *Marapana rhodea*, Turn., Tr. Roy. Soc., S.A., p. 15, 1903.)

Queensland and New Guinea.

GEOMETRINA.

SELIDOSEMIDÆ.

THALAINODES, Low.

In the generic description, it was inadvertently stated that the male possessed a fovea. Such is not the case.

GEOMETRIDÆ.

EUCHLORIS DICHROA, n. sp.

Male and female, 18-22. Head and face orange, fillet snow-white, antennæ white, pectinations ochreous 6. Palpi white. Thorax and abdomen pale yellowish-green, beneath white. Legs white, posterior tibiæ not thickened. Forewings elongate, triangular, termen oblique, 3 and 4 separate, 6 out of 9 near base, 11 free; pale yellowish-green; extreme costal edge snow-white, edged beneath throughout with orange, not so well developed in female; about 6 fine waved whitish transverse lines, reaching margins, first 3 antemedian, others postmedian leaving centre of wing with clear ground color; cilia pale yellow, terminal half whitish. Hindwings with termen rounded; 6 and 7 short stalked; color, markings and cilia as in forewings.

Mackay, Queensland; two specimens in November.

LEPTOMERIS ISODESMA, n. sp.

Female, 20 mm. Head and face fuscous, antennæ whitish-ochreous, fillet white. Palpi greyish-fuscous. Thorax whitish-ochreous. Legs whitish ochreous, anterior pair fuscous-tinged, all spurs present. Forewings elongate, triangular; pale whitish ochreous; markings pale fuscous, gently waved throughout; a line from costa at one-fourth to one-fourth

dorsum; another from beyond middle of costa to beyond middle of dorsum, and two others close together and parallel near beyond; a similar line just before termen; a very small fuscous discal dot, between first and second lines; a row of black dots along termen; cilia ochreous-white. Hindwings with termen rounded, color and all markings, except first lines, as in forewings.

Broken Hill, N.S. Wales; two specimens in October.

## PYRALIDINA.

### PYRAUSTIDÆ.

#### PIONEA LEUCOTYPA, n. sp.

Male, 16 mm. Head, palpi, antennæ, and thorax light fuscous, palpi internally and at base white. Legs white, anterior tibiæ and tarsi infuscated, abdomen fuscous, white beneath, with a lateral row of black dots. Forewings elongate, moderately dilated termen gently rounded, oblique; brownish, somewhat fuscous tinged; a very strongly outwardly curved dull whitish streak, from costa at one-sixth to dorsum at one-third, most pronounced on dorsum; a well developed clear white fascia from costa at five-sixths to dorsum before anal angle, curved outwards beneath costa, and finely edged more or less throughout with fuscous; a small fuscous dot in the disc beyond middle, nearer costa than dorsum; a row of obscure blackish præterminal dots; cilia fuscous-whitish. Hindwings pale greyish, becoming fuscous tinged around termen and apex, and with a few præterminal dots as in forewings; cilia grey-whitish, basal half fuscous.

A distinct species, well characterised by the white fascia. It is highly probable that the first streak will be better developed in fresher specimens.

Mackay, Queensland; one specimen in October.

#### PIONEA ACHROA, n. sp.

Male, 16 mm. Head, palpi, antennæ, thorax, and abdomen dark fuscous, palpi beneath grey-whitish, abdomen beneath ochreous-grey. Legs grey-whitish, suffused with light fuscous above. Forewings elongate triangular, termen obliquely rounded; dark fuscous; lines obscured by general ground color; a small ochreous spot on costa at three-fourths, from which proceeds a faint dark fuscous waved line, somewhat curved outwards on upper half; cilia dark fuscous, darker on basal half. Hindwings dark fuscous; cilia as in forewings.

An obscure species, devoid of any special characteristic.

Brisbane, Queensland; one specimen (? January).

## TIRATHABA CHLOROSEMA, n. sp.

Female, 30 mm. Head, palpi, antennæ, and thorax pale flesh color, palpi imperfect. Abdomen ochreous-yellow, fleshy-white beneath. Legs fleshy-white. Forewings elongate, moderate, costa gently arched, termen nearly straight; flesh color, fuscous tinged; a dull, dark greenish mark below costa at one-fourth; a large similar-colored patch, somewhat triangular shaped, in a direct line beyond, and two smaller ones, somewhat confluent still further beyond, but in a direct line with others; an interrupted line along termen and apical fourth of costa; cilia fleshy-ochreous. Hindwings with apex slightly prominent; shining ochreous-yellow, becoming fuscous-tinged around apex, and narrowly along termen; cilia ochreous-grey, darker at base.

This insect agrees fairly well with the characters of *rufivena*, Walk., but the palpi, being damaged, it may not be the correct generic location. It is not unlike that insect, but is quite distinct by the absence of scarlet neural streaks, and apparently shorter palpi.

Mackay, Queensland; one specimen in March.

## EPIPASCHINÆ.

## ORTHAGA ATRIBASALIS, Warr.

(Ann. Mag. Nat. Hist. (6), xvi., p. 461. *Stericta leucodesma*, Low., Trans. Roy. Soc., S.A., p. 156, 1896.)

Queensland.

## ORTHAGA SEMINIVEA, Warr.

(Ann. Mag. N. Hist. (6), xvi., p. 463. *Stericta chionopa*, Low., Trans. Roy. Soc., p. 155, 1896.)

Queensland.

I had not seen Warren's paper at the time I described the above.

## TORTRICINA.

## TORTRICIDÆ.

## AROTROPHORA COSMOPLACA, n. sp.

Male, 14 mm. Head, palpi, and thorax bright reddish-orange, palpi internally whitish. Antennæ and abdomen fuscous. Legs whitish, faintly fuscous tinged. Forewings elongate, moderate, costa rather strongly arched, termen nearly straight; bright ochreous-orange, becoming mixed with ferruginous-purplish on posterior two-thirds; a large pale golden yellow triangular patch on costa in middle, rather broadly edged anteriorly by a purplish-fuscous suffused fascia, which extends to middle of dorsum, posteriorly narrowly edged by lighter reddish-orange; cilia orange, becoming reddish at

base and fuscous purple around anal angle. Hindwings and cilia pale whitish-grey.

A beautiful species; distinct by the brilliant coloring and yellow triangular costal patch.

Perth, Western Australia; one specimen received from Mr. S. Angel, taken in November.

## TINEINA.

### CECOPHORIDÆ.

#### HELIOCAUSTA EPISARCA, n. sp.

Male, 34 mm. Head and thorax ochreous-reddish. Palpi carmine-pink, internally and at base white. Antennæ ochreous, basal third carmine above, abdomen ochreous-whitish. Legs ochreous-whitish, anterior pair, except coxæ, carmine. Forewings elongate, rather broad, costa rather strongly arched, termen not oblique; 7 to termen, just below apex; dull ochreous-reddish; costal edge bright carmine throughout; a dull purplish-fuscous moderate transverse oblique fascia from just beneath costa at one-third to beyond middle of innermargin, broadest below; a purplish-fuscous discal spot at two-thirds in middle; a very faintly indicated fuscous line from costa at three-fourths, thence curved outwards and ending at anal angle; cilia purplish fuscous. Hindwings pale ochreous, cilia pale ochreous, becoming fuscous tinged on basal half on upper half of termen.

Apparently between *parthenopa* and *euselma*, Meyr., but differs from both in the presence of the fascia. It has the facies of a *Euchætis*, but veins 3 and 4 of hindwings are not separate at origin.

Melbourne, Victoria; one specimen in October.

#### HELIOCAUSTA PERICOSMA, n. sp.

Male, 30 mm. Head, thorax, and abdomen light ochreous. Palpi and antennæ light carmine, palpi internally whitish, antennal ciliations nearly 3. Legs yellow, anterior pair carmine-pink. Forewings elongate, rather broad, costa rather strongly arched, termen nearly straight, 7 to just below apex; light ochreous, strongly tinged with yellow; costal edge bright carmine throughout; a small dull purplish-ferruginous spot on fold in middle; a large, well-defined similar colored spot in middle of wing at two-thirds from base; termen faintly and narrowly suffused throughout with light carmine, which color is more or less continued along innermargin to middle; cilia pale salmon pink. Hindwings light golden-yellow; 3 and 4 from a point, 5 somewhat approximated to 4 at base; cilia yellowish, lighter around apex.

Another species with the facies of a *Euchætis*, which is probably its true generic location, as in markings it reminds one of *E. iobola*, Meyr.

Kewell, Victoria; one specimen in April.

Type in Coll., *Kershaw*.

*HOPLITICA RHODOPEPLA*, n. sp.

Male, 25 mm. Head, thorax, and palpi light fleshy-red, palpi internally and at base white. Antennæ ochreous, at base fleshy-red. Abdomen dull ochreous, segmental margins whitish. Legs ochreous, anterior pair light fleshy-red, coxæ white. Forewings elongate, moderate, costa moderately arched termen slightly oblique, 7 to apex; light fleshy-red; a small fuscous dot in disc at one-third, a second, hardly traceable, below and beyond, and a third in disc at two-thirds; costal edge deeper than ground color, extreme costal edge whitish from one-third to beyond middle; cilia light fleshy-red. Hindwings whitish-ochreous, with an obscure fuscous suffusion at apex and more or less continued narrowly to middle; cilia whitish-ochreous, becoming fuscous tinged around apical portion.

This is a neatly marked species recalling *pudica*, Meyr., in general appearance, but without the large discal dot of that species. The second spot is practically absent in the specimen before me; probably other specimens may show it.

Dubbo, New South Wales; one specimen in June.

*EULECHRIA ATRADELPHA*, n. sp.

Female, 24 mm. Head, palpi, antennæ, and thorax dark fuscous, palpi whitish internally, basal half of second joint whitish, thorax with an obscure transverse whitish median fascia. Legs dark fuscous, posterior pair mixed with ochreous-whitish. Abdomen dark fuscous, with whitish segmental rings, well defined. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; dark fuscous, finely irrorated with somewhat bluish-white scales; base of wing darker fuscous; a moderately broad, straight transverse black fascia, from one-third of costa to one-third dorsum, edged by its own width, with clear white anteriorly, hardly reaching margins; a black transverse fascia from costa at two-thirds to dorsum at anal angle, becoming dilated into an oval ring in middle, centre filled with ground color; some blackish scales towards termen; cilia dark fuscous. Hindwings with veins 3 and 4 from a point; fuscous-purplish, lighter towards base; cilia fuscous, with a darker median line.

Closely allied to *thermistis*, Low., of which it may be the female, as the markings are almost identical in position, and

the general coloring is somewhat similar on the forewings; the hindwings, however, are totally different, being bright orange in that species. I am rather inclined to place this species in *Enochroa*, but as the thorax and palpi are different, I place it here, not forgetting, however, that the sexual differences in some species of *Enochroa* are very marked in the hindwings, and possibly when further material is available the generic location will need to be rectified.

Stawell, Victoria; one specimen in November.

LINOSTICHA MYRIOSPILA, n. sp.

Male, 25 mm. Head, antennæ, and thorax grey, face somewhat whitish, thorax mixed with a few blackish scales. Palpi grey, whitish internally. Abdomen light fuscous. Segments silvery-grey, strongly margined on sides. Legs grey-whitish, tarsi blackish, ringed with white. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; 7 to apex; grey, with minute scattered blackish scales; markings black; a dot on base; a second on fold at one-sixth from base; a third on fold beyond one-third, a fourth above and obliquely before; and two others transversely placed in disc at two-thirds; a praeterterminal row of well-defined dots, continued around apex and along costa to just above the two transversely placed dots; indications of a parallel row anterior to praeterterminal series; cilia grey. Hindwings pale greyish-fuscous, paler on basal half; cilia greyish-fuscous.

Not very near any other described species; it approaches *Hoplitica myodes*, Meyr., and *Eulechria griseola*, Zell., in general appearance, but the antennæ easily distinguish it; and to *Euchatis endoleuca*, Meyr., to which it is not unlike, it is easily separated by the termination of vein 7 at apex.

Broken Hill, New South Wales; one specimen beaten from *Eucalyptus* in November.

LINOSTICHA AMPHILEUCA, n. sp.

Male, 20 mm. Head, palpi, antennæ, and thorax fuscous-whitish, palpi fuscous externally. Abdomen fuscous, segmental margins whitish. Legs fuscous-whitish, posterior pair paler. Forewings elongate, moderate, costa hardly arched, termen rounded, strongly oblique; white, suffusedly mixed with fuscous; the fuscous tends to accumulate and forms a moderately thick streak from beneath costa at base to three-fourths of costa, leaving extreme costal edge white, and a white streak above fold; a suffused fuscous streak along fold; a fuscous transverse line from costa at three-fourths to inner-margin near anal angle, indented beneath costa; cilia white, mixed with fuscous on basal half. Hindwings pale greyish-

fuscous; cilia white, with some fuscous scales along basal portion.

Not very near any other, perhaps most allied to *pudica*, Low., but very different in form of wing.

Birchip, Victoria; one specimen in April (*D. Goudie*).

*PHILOBOTA OCHROLITHA*, n. sp.

Male, 14 mm. Head, thorax, and palpi ochreous-white, terminal joint of palpi fuscous externally. Antennæ fuscous, basal fifth ochreous-white. Abdomen fuscous, segmental margins ochreous-white. Legs ochreous-white, posterior pair ochreous, hairs of posterior pair dense, ochreous. Forewings elongate, moderate, costa gently arched, termen rounded, oblique; clear ochreous; extreme costal edge fuscous, from base to one-third; cilia light ochreous-fuscous. Hindwings greyish-fuscous, cilia light ochreous.

Recalls in general appearance specimens of *Clerarcha* (*Xyloryctidae*).

Duaringa, Queensland (opposite Railway Station); one specimen in November.

*PHILOBOTA HEMICROCA*, n. sp.

Male, 24 mm. Head and thorax yellowish, thorax suffused with orange. Palpi fuscous, internally yellowish on second joint. Antennæ fuscous, obscurely spotted with white. Abdomen dark fuscous. Legs fuscous, posterior pair dull ochreous-fuscous. Forewings elongate, moderate, costa moderately arched, termen oblique, hardly rounded; pale yellow, somewhat mixed with orange at base, and around margins; an inwardly oblique ferruginous spot on anal angle, hardly reaching half across wing; cilia fuscous. Hindwings and cilia fuscous; cilia paler at base.

Somewhat allied to *Monadelta*, Low., but easily separated by the clear yellow and fuscous cilia of forewings.

Stawell, Victoria; one specimen in October.

*PHILOBOTA OXYSEMA*, n. sp.

Male, 18 mm. Head, palpi, and thorax whitish, palpi externally fuscous. Abdomen whitish. Antennæ whitish, spotted with fuscous. Legs fuscous whitish. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; white, with minute scattered fuscous scales; markings fuscous; extreme costal edge fuscous towards base; a dot in cell at one-third from base; an inwardly oblique transverse narrow fascia from anal angle to two-thirds across wing; a suffused spot on costa at four-fifths; a narrow streak before and parallel to termen nearly touching previous spot; a nar-



row line along termen and apical fourth of costa; cilia whitish with a fuscous median line, becoming darker around apical portion. Hindwings greyish-fuscous, cilia whitish, with a fuscous median line.

Not unlike some species of *Nephogenes*.

Broken Hill, New South Wales; one specimen in January.

SAROPLA POLIOCHRA, n. sp.

Male, 20-25 mm. Head and palpi very dull ochreous-whitish, palpi fuscous externally. Thorax fuscous, patagia ochreous-whitish. Antennæ and abdomen fuscous. Legs fuscous, posterior pair whitish-ochreous, anterior and middle tibiæ and tarsi ringed with whitish. Forewings elongate, moderate, somewhat dilated posteriorly, costa gently arched, termen rounded, strongly oblique; dull greyish-ochreous-whitish, more or less minutely irrorated with blackish scales, which sometimes tend to accumulate along veins; a black dot in disc at one-fourth, a second below and before on fold; a moderately large curved black spot at end of cell; a row of praeterterminal black spots, continued to apical fourth of costa; cilia greyish-ochreous. Hindwings greyish-fuscous; cilia grey.

Closely allied to *paracycla*, Low., but differs by longer palpi, different ground color of both forewings and hindwings and absence of ochreous costal edge. *Paracycla* varies, but never to the extent of considering the present species a variety of it.

Stawell, Victoria; two specimens in March.

CÆSYRA MACULOPA, n. sp.

Female, 15 mm. Head, palpi, and thorax white, thorax infuscated, antennæ fuscous, white at base. Abdomen and legs white. Forewings rather short, broad, costa gently arched, termen oblique, faintly sinuate beneath apex; greyish-fuscous, more or less mixed with white; a moderately narrow oblique fuscous transverse fascia, edged posteriorly by its own width of white, from costa before middle to middle of inner-margin, narrowest in middle; a dark fuscous rounded spot-like patch beneath apex, edged anteriorly by a whitish streak, cilia whitish, becoming fuscous towards terminal portion. Hindwings light grey; cilia grey.

Not near any other species of the genus; it may not be its correct generic location, and the male may show additional characters. It agrees, however, in the characters of *Cæsyra*.

Halbury, South Australia; one specimen in November.

## ARISTEIS MACROTRICHA, n. sp.

Male, 16 mm. Head, palpi, antennæ, thorax, abdomen, and legs dark fuscous, head with some ochreous hairs, palpi internally slightly ochreous tinged, posterior legs yellow. Forewings elongate, moderate, costa moderately arched, termen slightly rounded, oblique, 7 to termen; dark coppery fuscous; a moderately broad oblique transverse ochreous fascia, from costa in middle to innermargin beyond middle, sometimes absent; cilia deep coppery fuscous, terminal half yellowish, except around anal angle. Hindwings yellow; a fuscous apical patch, more or less continued along termen throughout; innermargin rather broadly fuscous; cilia fuscous.

Distinct from the other described species. The occasional absence of the ochreous fascia of forewings is peculiar; the antennal ciliations are as in *hepialelella*, Walk., and are much shorter on terminal third, reminding one of species of *Linosticha* (especially *dichroa*, Low.), but the absence of pecten and different position of vein 7 of forewings are sufficient characters to remove it from that genus.

Stawell, Victoria; two specimens in October. I have one poor sp. taken at Tarrawingee, near Broken Hill.

## OCYSTOLA PARALIA, n. sp.

Male, 14 mm. Head, palpi, and antennæ white, palpi fuscous externally, half of second, antennal ciliations  $3\frac{1}{2}$ . Thorax grey, patagia white. Abdomen greyish-white. Legs whitish, anterior pair mixed with fuscous, posterior ochreous-tinged. Forewings elongate, moderate, costa gently arched, apex tolerably pointed, termen oblique; white with fuscous markings; extreme costal edge fuscous on basal third; and slightly inwards curved narrow fascia from dorsum before middle to slightly more than half across wing, becoming spot-like at apex, and obscure on dorsum; a spot on dorsum before anal angle; a spot at anal angle and another immediately above and oblique before it, almost touching preceding spot; cilia whitish ochreous, strongly mixed with fuscous on median third. Hindwings with veins 3 and 4 from a point; shining whitish; cilia pale whitish-ochreous.

Very near *trilicella*, Meyr., but differs by the palpi, grey, not fuscous, thorax and antennal ciliations being shorter.

Melbourne (Domain), Victoria; one specimen in October.

## ACOMPSIA MESOZONA, n. sp.

Female, 20 mm. Head and palpi whitish yellow. Thorax purplish-fuscous, posterior half whitish-yellow, antennæ fuscous. Abdomen fuscous, beneath ochreous, anal tuft yel-

lowish. Legs ochreous, anterior pair fuscous. Forewings elongate, moderate, costa gently arched, termen rounded, very oblique; 7 to costa, just above apex, 2 from well before angle of cell, 3 from angle; whitish yellow, with dull purplish-fuscous markings; a very narrow basal streak, hardly reaching innermargin; a moderate, straight, transverse fascia, from middle of costa to middle of innermargin, slightly dilated on costa; a moderately large apical patch, anterior edge somewhat darker fuscous, from costa at three-fourths to innermargin at anal angle, moderately projecting in middle; cilia ochreous, mixed with fuscous, becoming wholly fuscous around anal angle. Hindwings with veins 3 and 4 from a point; fuscous, somewhat bronzy-tinged; cilia yellow.

Not approaching any other described species; in general appearance recalling a *Philobota*.

Stawell, Victoria; one specimen in October.

BORKHAUSENIA CALLIOPTIS, n. sp.

Female, 16 mm. Head, palpi, antennæ, thorax, abdomen, and legs ashy-grey-fuscous, palpi spotted with white, antennæ with rather strong pecten, posterior legs ochreous, anterior and middle tarsi ringed with whitish. Forewings elongate, moderate, costa gently arched, termen obliquely rounded, 7 to costa, 2 and 3 separate; ashy-grey-fuscous, becoming grey-whitish on margins; a very obscure fuscous spot in middle of wing at one-third from base; a second in disc at two-thirds; and a third on fold below and between; cilia ashy-grey-whitish. Hindwings yellow; cilia yellow, mixed with fuscous, especially around apex.

Very like *Enochroa endochlora*, Meyr., but the termination of vein 7 on costa is a reliable point of distinction.

Birchip, Victoria; one specimen taken in April, received from Mr. D. Goudie.

GUESTIA (?) ISCHNOTA, n. sp.

Male, 14 mm. Head, palpi, antennæ, thorax, legs, and abdomen greyish-fuscous, posterior legs grey-whitish. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; 2 and 3 stalked, not connected with 3; 7 and 8 stalked, 7 to costa; greyish-fuscous, finely irrorated, with fuscous scales; a small fuscous dot above fold at one-third, a second just below and a third in disc at two-thirds; cilia greyish-fuscous. Hindwings grey-whitish; cilia grey, with a faint fuscous-median line.

An obscure species; doubtfully referable to *Guestia*, the pecten of antennæ appears to be absent, but may be developed in fresher specimens.

Broken Hill, New South Wales; one specimen in September.

GUESTIA AMYDROSEMA, n. sp.

Male, 22 mm. Head, palpi, antennæ, and thorax greyish-ochreous, second joint of palpi whitish-ochreous at apex. Abdomen grey. Legs fuscous, more or less banded with whitish, posterior pair grey. Forewings elongate, moderate, costa gently arched, termen rounded, oblique; greyish-ochreous, very minutely irrorated with fuscous; markings dark fuscous; a narrow transverse basal mark; a spot on fold just before one-third, a second obliquely above, and a third, more conspicuous in disc at two-thirds; a row of praeterminal spots, continued along apical fourth of costa; cilia greyish-fuscous, darker at base. Hindwings pale grey-whitish; cilia grey-whitish.

Reminds one of *Acompsia pseudoprettella*, Stt., but veins 2 and 3 of forewings are not stalked in that species.

Mount Wellington, Tasmania; one specimen in October.

PSECADIA HEMADELPHA, n. sp.

Female, 18 mm. Head, thorax, and patagia snow-white, face fuscous tinged, thorax with two small black dots behind collar, a narrow black transverse median bar and another black bar at posterior extremity. Palpi white, second joint black at base and apex. Antennæ blackish. Abdomen greyish-ochreous, second segment blackish with narrow white segmental rings, two posterior segments black, anal tuft white, abdomen wholly blackish beneath, becoming whitish in middle throughout. Legs whitish irregularly banded with black. Forewings elongate, moderate, costa gently arched, termen hardly rounded, oblique; 7 to just above apex; snow-white, with black markings; a short dentate edged transverse fascia near base, reaching to fold; a similar fascia from costa at one-fourth reaching three-fourths across wing, nearly straight; a spot on dorsum just anterior to this, and another above dorsum between second and third fascia; a third fascia, irregular and outwardly oblique from costa at about middle, where it is followed by a spot, to fold, interrupted below costa; a fourth fascia, similar to third, from costa at five-sixths to just above anal angle, with an elongate tooth below costa; a moderate spot before middle of termen; a more or less complete row of spots along termen and apical fourth of costa; cilia white, chequered with black. Hindwings shining snow-white, with a fuscous, apical patch; cilia white, around apex fuscous.

Differs from *postica*, Zell., by its smaller size, different arrangement of markings and abdomen.

Arltunga, Central South Australia; one specimen in November.

PSECADIA SCIAPTERA, n. sp.

Male, 22 mm. Head, face, and thorax white, collar black. Palpi blackish, internally whitish. Abdomen fuscous. Legs black, banded with white. Forewings elongate, moderate, costa gently arched, termen oblique, 7 to apex; snow-white, with black markings; a spot on costa near base; an outward curved series of three dots, from costa at one-fifth to dorsum at one-fifth; a short oblique mark on costa before middle, generally connected with spot at its extremity; a spot above dorsum before middle; a larger spot in disc at two-thirds; a somewhat triangular spot on costa at five-sixths, containing a spot of ground color in middle; a rather broad band along termen, with several spots of ground color on lower half, and with a curved tooth in middle, the extremity of which nearly touches the triangular costal spot; 2 or 3 black spots on apical fifth of costa; cilia white, basal half black. Hindwings white, apical two-fifths dark fuscous, darkest along termen; cilia as in forewings.

Differs from the other described species by the band along termen, besides other details.

Mackay, Queensland; one specimen in October.

EUDRYMOPSIS, n. g.

Head and thorax smooth. Antennæ in male (?), with small pecten. Palpi moderate, recurved, second joint tolerably smooth, not reaching base of antennæ, terminal joint shorter than second, acute. Forewings elongate; 2 and 3 stalked from angle; 7 and 8 stalked, 7 to apex or just below it. Hindwings with 3 and 4 connate; 5, 6, and 7 parallel, 8 free.

In the neighborhood of *Guestia*, but differs in neuration. I really think it should be placed next to the *Gelechiadae*, as it recalls sp. of that group, but vein 8 of hindwing is free.

Type *E. xyloscopa*, Low.

EUDRYMOPSIS XYLOSCOPA, n. sp.

Female, 40 mm. Head, dull ochreous. Antennæ, palpi, thorax, abdomen, and legs ochreous fuscous, posterior legs yellowish, all tarsi banded with ochreous-whitish, first segment of abdomen clothed with long ochreous hairs. Forewings elongate, moderate, costa evenly arched, termen oblique; fuscous, mixed with dull ochreous, the former color forms a more or less darker patch above to rims; cilia fuscous, paler

at base. Hindwings fuscous; hairs along dorsum, long, yellowish; cilia fuscous.

Broken Hill, N.S. Wales; one specimen on bark of *Eucalyptus* sp. in October.

#### XYLORYCTIDÆ.

##### XYLORYCTA PHILONYMPHA, n. sp.

Male and female, 30-36 mm. Head and face ochreous-orange. Thorax ochreous, posteriorly shining white, posterior two-thirds of patagia shining white. Palpi white, somewhat infuscated externally. Antennæ ochreous, ciliations of male 2. Legs whitish-ochreous, coxæ orange internally, fuscous externally, tibiæ more or less infuscated externally. Abdomen shining white, segments dull orange. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; 7 to termen; shining snow-white; a narrow orange streak along edge of costa from base to just before apex, becoming fuscous-tinged on basal one-fourth; cilia shining snow-white. Hindwings with 3 and 4 from a point; 6 and 7 from a point; pale fuscous, becoming lighter towards base; cilia white, becoming pale ochreous at base and on costal portion.

Differs from *homoleuca*, Low. (which I have received from Derby, W.A., Townsville, Queensland, and Tasmania) by the orange streak along costa and orange head, and from *chionoptera*, Low., especially by the underside of abdomen and other points.

Broken Hill, New South Wales; two specimens in September and October.

##### TELECRATES STREPTOGRAMMA, n. sp.

Male, 20 mm. Head, palpi, and thorax ochreous-orange, palpi externally fuscous, except basal two-thirds of second joint, thorax with a broad fuscous anterior band, patagia orange, fuscous anteriorly. Antennæ fuscous, ciliations nearly one-half. Abdomen fuscous-leadens, segmental margins yellowish, lateral margins yellowish. Legs ochreous-fuscous, posterior pair ochreous-yellow. Forewings elongate, moderate, costa gently arched, termen oblique, faintly sinuate beneath apex; 7 to termen; shining pale yellow, with blackish markings; costal edge narrowly blackish throughout; indistinct towards apex; a moderately broad subcostal streak from base to apex, emitting from its upper extremity at two-thirds fine lines along veins to termination; an inwardly oblique somewhat triangular spot on dorsum at anal angle; all veins between this and termen outlined with blackish; a fine line

along termen; cilia ochreous-yellow, basal half fuscous. Hindwings with veins 6 and 7 stalked dark fuscous, becoming much paler on basal one-half; cilia ochreous-yellow, becoming paler towards base, and with a faint fuscous basal line towards anal angle.

A distinct and pretty species, recalling species of *Philobota* (*Oecophoridae*).

Gisborne, Victoria; one specimen (probably dislodged from *Casuarina*) in December. (*Coll., Lyell.*)

#### AGRIOPHARA TEPHROPTERA, n. sp.

Male, 28 mm. Head and thorax cinereous-grey, face white. Palpi and antennæ cinereous-grey. Abdomen ochreous-whitish. Legs whitish, anterior coxæ snow-white, anterior and middle tibiæ and tarsi dark fuscous above, tarsi banded with whitish, posterior tarsi with a few blackish bands above. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; cinereous-grey; extreme costal edge white from one-third to apex; more pronounced beneath; 4 rather oblique outwards curved series of transverse fuscous marks; first from one-fourth costa to one-fourth dorsum; second from costa at about one-third to about middle of dorsum; third from costa at three-fifths to anal angle; fourth more strongly curved and better developed, from costa at three-fourths to anal angle and there meeting third; an interrupted blackish line along termen. Hindwings pale ochreous-whitish; somewhat fuscous tinged; cilia ochreous-whitish, with fuscous sub-basal and subterminal lines.

Differs from the other described species by the pale ochreous hindwings.

Broken Hill, New South Wales; one specimen in December (at light).

#### ELACHISTIDÆ.

##### OPSZYGA, n. g.

Head smooth. Antennæ in male thickened, about four-fifths. Labial palpi very long, recurved, second joint somewhat roughened, terminal joint longer, acute. Posterior tibiæ rough haired. Forewings elongate, pointed; vein 1 furcate at base; 7 and 8 stalked, rarely 6 out of 7 near base. Hindwings two-thirds; cilia  $2\frac{1}{2}$ ; 6 and 7 stalked.

Type, *O. eugramma*, Low.

I form this genus to receive *eugramma* described by me (P.L.S., N.S.W., 114, 1899) as a *Limnæcia*, but having obtained further material I feel justified in erecting this genus. It differs from *Limnæcia*, Stt., by the stalking of veins 6 and

7 of hindwings and antennæ. Vein 6 of forewings runs out of 7; this is probably an accidental deformity; but the neuration of hindwings is constant throughout.

LIMNÆCIA XANTHOPELTA, n. sp.

Male, 22 mm. Head and palpi orange-yellow, terminal joint of palpi blackish. Thorax and antennæ black, patagia orange-yellow. Antennal ciliations nearly 2. Abdomen orange-yellow, anterior segments blackish. Legs blackish, posterior pair orange yellow. Forewings elongate-lanceolate, moderately broad; orange-yellow, with black markings; a broad oblique fascia from costa before to dorsum at one-third; a similar fascia, somewhat broader from costa at three-fourths to anal angle, connected in middle with previous fascia by a somewhat triangular fascia, dilated anteriorly, and confluent below middle with preceding fascia; a moderate fascia along termen, narrowed on lower half; cilia blackish, with a yellowish tooth near anal angle. Hindwings elongate-lanceolate; dark fuscous; an ochreous-yellow apical spot; extreme apex fuscous; cilia orange-yellow, becoming fuscous along apical portion; costal cilia orange-yellow.

Very like species of *Macrobathra* (*Ecophoridae*).

Broken Hill, New South Wales; one specimen in November. Mr. D. Goudie has sent me several specimens taken at Birchip, Victoria.

TINEIDÆ.

CTENOCAMPA BALIODES, Meyr.

I have a female of this species taken near Melbourne, which only differs from the male as follows:—

Size 24 mm. Antennæ filiform; underside of both wings spotted throughout with white, well defined; in the male the forewings are somewhat spotted below, but the hindwings are black above and below; the abdomen beneath is marked with narrow white segmental rings, which, although developed in the male, are more obscure. An abnormality occurs in the hindwing of the female by having vein 4 present, stalked with 5; the other wing is normal.

I have seen a male specimen from Hobart, Tasmania.

NARYCIA (XYSMATODOMA) EPICHRYSA, n. sp.

Male, 24 mm. Head yellow, face fuscous. Palpi and antennæ fuscous, palpi internally dull ochreous, antennal ciliations 1. Thorax fuscous, with a whitish median spot. Abdomen fuscous, ochreous beneath. Legs ochreous, tarsi somewhat banded with fuscous. Forewings elongate, moderate, costa gently arched, termen rather strongly oblique; 7 absent;



white, more or less spotted with fuscous, arranged in oblique transverse series; markings fuscous; costa and innermargin strigulated throughout; an outwardly oblique narrow fascia, from one-third costa reaching half across wing; an irregular rather flattened quadrate spot on middle of costa, and another similar, but smaller between this and apex, interspaces slightly ochreous-tinged on costa; a row of small spots along termen; a parallel series of spots, starting from last costal spot and terminating on innermargin at two-thirds; cilia ochreous-grey, tips darker. Hindwings fuscous; cilia as in forewings, but with a dull fuscous basal line.

Apparently nearest *protorna*, Meyr., but differs especially by the yellow head and different shape of forewings.

Melbourne, Victoria; one specimen in October.

NARYCIA (XYSMATODOMA) SEMIOTA, n. sp.

Male, 16 mm. Head, palpi, antennæ, thorax, legs, and abdomen dark fuscous, antennal ciliations 2, posterior legs ochreous fuscous, anal tuft yellowish. Forewings elongate moderate, costa gently arched, termen obliquely rounded; 7 and 8 long stalked, 7 to below apex; dark fuscous, finely reticulated throughout with blackish, the absence of which causes a moderately broad short inwardly oblique, obscure, fascia, from innermargin before middle to two-thirds across wing; costa with three or four obscure ochreous dots along posterior half; cilia greyish fuscous, basal half dark fuscous, mixed with blackish. Hindwings fuscous, rather thinly scaled; cilia fuscous, darker at base.

Nearest *lasiocola*, Meyr., differs in more sombre coloring.

Melbourne, Victoria; one specimen in May.

NARYCIA (XYSMATODOMA) HYALISTIS, n. sp.

Male, 20 mm. Head, thorax, antennæ and legs fuscous, antennal ciliations 1, posterior legs greyish. Abdomen greyish. Forewings elongate, moderately dilated posteriorly, costa gently arched, termen obliquely rounded; 7 and 8 stalked, 7 to termen; very pale grey-whitish, irregularly strigulated throughout with fuscous, thickest on margins; a faint fuscous spot above middle at two-thirds; cilia greyish fuscous. Hindwings with 4 and 5 short stalked; very pale grey, thinly scaled, almost transparent; cilia greyish.

An obscure species, devoid of any special characteristic, excepting perhaps the dilated forewings and rather clear hindwings.

Gisborne, Victoria; one specimen. (*Coll. Lyell.*)

## NARYCIA (XYSMATODOMA) CAMPYLOTA, n. g.

Male and female, 16-20 mm. Head, palpi, thorax, antennæ, abdomen and legs fuscous, antennal ciliations 1, posterior tibiæ and tarsi somewhat ochreous, tarsi with fuscous rings. Forewings elongate, moderately dilated posteriorly, termen obliquely rounded; 7 and 8 stalked, 7 to termen; light fuscous, more or less finely reticulated with darker fuscous; an obscure broad whitish-grey oblique transverse fascia, anterior edge from beyond one-fifth costa to one-third innermargin, posterior edge, rather suffused, from costa before middle to innermargin in middle; an obscure whitish præterminal fascia, from below vein 7 to before anal angle; 3 or 4 fuscous, irregular quadrate spots on costa beyond middle, separate by very obscure greyish spots; cilia grey, fuscous tinged at base. Hindwings pale grey, thinly scaled; cilia as in forewings.

Somewhat similar in shape of wing to the previous species; the transverse fascia, though obscure, is noticeable and constant in the three species before me.

Flemington (male) in September, Wandins (female), Victoria; in May. (*Coll. Lyell.*)

## NARYCIA (XYSMATODOMA) CALLISTA, n. sp.

Male, 16 mm. Head yellow. Face fuscous. Thorax, palpi, antennæ, abdomen, and legs dark fuscous, antennal ciliations over 1, tibiæ and tarsi ringed with ochreous. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; 7 absent; pale yellow, markings deep purplish-fuscous; a moderately thick streak along costa from base to one-fourth, at base extended to inner margin; three moderately straight direct fasciæ; first from extremity of costal streak to innermargin at one-fourth, enclosing a quadrate spot of ground color between this and basal streak; second from middle of costa to middle of innermargin, slightly dilated on upper half and angulated outwards on posterior edge below costa, where it is inclined to be connected with third fascia; third from costa at four-fifths to anal angle; a minute spot on costa between first and second fasciæ; a small irregular spot at apex, touching posterior edge of third fascia below costa; cilia dark fuscous. Hindwings light fuscous, bronzy-tinged; cilia fuscous.

In the neighborhood of *Carlotta* and *chrysoptala*, Meyr., but not very near either; the markings are placed somewhat as in *characota*, Meyr.

Gisborne, Victoria; two specimens in November. (*Coll. Lyell.*)

## NARYCIA (XYSMATODOMA) LASIOMICRA, n. sp.

Male, 8-10 mm. Head snow-white. Thorax fuscous, with a white posterior spot. Palpi and antennæ fuscous. Legs greyish-white. Abdomen whitish. Forewings with costa rather strongly arched, termen very obliquely rounded; 8 and 9 stalked, 8 to just above apex; white, minutely spotted throughout with golden-fuscous, and with dull golden fuscous markings; a moderate streak along costa from base to one-fourth, attenuated posteriorly; a rather thick outwardly oblique streak from one-third innermargin to two-thirds across wing; a slightly narrower transverse fascia from before three-fourths of costa to innermargin before anal angle, angulated outwards below middle, and sometimes interrupted just below; cilia white, with elongate streaks of fuscous. Hindwings with 3 and 4 approximated at base; 6 and 7 from a point, sometimes stalked; grey-whitish; cilia white, with a fuscous basal line.

A small though distinct and easily recognised species, the white head being very conspicuous.

Derby, Western Australia; two specimens in April. Mr. Lyell has it from Townsville, taken in October, presumably sent by Mr. F. P. Dodd.

## NARYCIA (XYSMATODOMA) EUSCIA, n. sp.

Female, 16 mm. Head, palpi, thorax, antennæ, and abdomen dark fuscous, anal tuft ochreous. Legs fuscous, posterior greyish-ochreous. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; 7 and 8 stalked, 7 to termen; pale ochreous, with fuscous markings; a moderately broad basal patch, outer edge oblique, from costa at one-fourth to before one-third innermargin; a moderately broad oblique fascia, from costa before middle to innermargin in middle, broadest below; a triangular patch on costa at about three-fourths, containing a spot of ground color on costa, somewhat connected with posterior edge of median fascia below middle; a transverse preterminal fascia, somewhat curved inwards; a fine line along termen; cilia fuscous. Hindwings with 4 and 5 from a point; greyish-fuscous; cilia fuscous.

Gisborne, Victoria; one specimen in May. (*Coll. Lyell.*)

## LEPIDOSCIA EURYSTOLA, n. sp.

Male, 14 mm. Head, palpi, antennæ, thorax, legs and abdomen dark fuscous. Forewings-elongate, moderate, costa gently arched, termen obliquely rounded; 7 absent; fuscous, with obscure whitish markings; an inwardly oblique fascia, from costa at two-thirds to fold at one-fourth from base, upper por-

tion tolerably defined, lower suffused; a small patch on anal angle; a fuscous spot somewhat above apex of this; a thick fascia along termen, hardly reaching anal angle; cilia fuscous, darker at base. Hindwings with 4 absent; pale fuscous, thinly scaled; cilia greyish-fuscous, darker on basal half.

Melbourne (near Flemington); one specimen, in June.

LEPIDOSCIA PLACOXANTHA, n. sp.

Male, 20 mm. Head yellow. Palpi, antennæ, thorax, legs, and abdomen deep fuscous-purple. Forewings elongate, moderate, costa gently arched, termen rounded, rather strongly oblique; 7 absent; deep purplish fuscous; a broad yellowish somewhat triangular fascia, from innermargin before middle to before middle of costa, broadest on innermargin; a faintly outlined yellowish patch in middle of wing at four-fifths from base; cilia ochreous-fuscous, basal half deep purplish fuscous. Hindwings fuscous; cilia fuscous.

Not very near any other described species, it bears some resemblance to species of *Chrysoryctis*.

Gisborne, Victoria; one specimen, in September. (*Coll. Lyell.*)

LEPIDOSCIA POLYCHRYSA, n. sp.

Male, 10 mm. Head, palpi, antennæ, thorax, legs, and abdomen dark fuscous, posterior legs ochreous. Forewings elongate, moderate, costa arched, termen rounded, oblique; 7 and 8 stalked, 7 to termen; fuscous, irregularly irrorated with golden-ochreous scales; a large irregular-quadrate patch of dull golden metallic close to base, nearly reaching costa, broadest below; a small similarly colored patch on costa in middle, a second on costa at two-third, and a smaller one just beyond; a row of dull golden-metallic oval spots along termen; cilia fuscous, mixed with golden ochreous. Hindwings with termen rounded; pale ochreous, with golden reflections; cilia fuscous.

Nearest *chloropetala*, Meyr., but distinct by hindwings.

Wandin, Victoria; one specimen in May. (*Coll. Lyell.*)

LEPIDOSCIA TRILEUCA, n. sp.

Male, 16 mm. Head ochreous. Palpi, antennæ, thorax, legs, and abdomen fuscous. Forewings elongate, moderate, costa gently arched, termen obliquely rounded, 7 absent; pale whitish, with dull fuscous markings; a moderate basal patch, outer edge from one-fourth costa to one-fourth innermargin indented above innermargin; a broad transverse fascia, from middle of costa to middle of innermargin, sometimes indented beneath costa on posterior edge, and with a fine whitish line

in middle on lower half, a similar fascia before termen, sometimes interrupted on lower half; an irregular line along termen; cilia fuscous. Hindwings fuscous, cilia greyish-fuscous.

Gisborne, Victoria; two specimens in October. (*Coll. Lyell.*)

NARYCIA (XYSMATODOMA) PHOTIDIAS, n. sp.

Male, 16 mm. Head dull ochreous. Palpi, thorax, and abdomen dull coppery-fuscous. Antennæ fuscous. Legs ochreous, suffusedly banded with fuscous. Forewings elongate, moderate, costa gently arched, termen strongly oblique; ochreous, somewhat shining, fine strigulated with pale fuscous; costa obscurely spotted on posterior half; fuscous dot in disc at one-third, a second beyond end of cell, sometimes a clearer ochreous space on costa above; a similar inwardly oblique space on innermargin at two-fifths; a suffused row of fuscous spots along termen; cilia shining ochreous, mixed with fuscous. Hindwings light fuscous; cilia fuscous.

Gisborne, Victoria; two specimens in June. (*Coll. Lyell.*)

NARYCIA (XYSMATODOMA) EPITRICHA, n. sp.

Male and female, 13 mm. Head ochreous yellow. Palpi, antennæ, thorax, abdomen, and legs blackish, thorax faintly purplish tinged, abdomen of female strongly dilated and densely haired on posterior segments, anal tuft black. Forewings elongate, moderate, costa gently arched, termen oblique, hardly rounded; 7 and 8 stalked; deep purple blackish, with ochreous markings; a moderate oblique fascia from costa before one-third to innermargin at one-third; an irregular triangular spot on costa at two-thirds; an erect spot on innermargin before anal angle, nearly touching previous spot; a narrow fascia along termen, narrowest below, hardly reaching innermargin; in male all markings are obscured except first fascia; cilia dark fuscous. Hindwings and cilia dark fuscous.

Nearest *glabrella*, Walk., in size and position of markings.

Melbourne, Victoria; two specimens in March.

NARYCIA (XYSMATODOMA) GASTROMELA, n. sp.

Male, 24 mm. Head whitish. Palpi, antennæ, thorax, and legs dark fuscous, posterior legs mixed with whitish. Abdomen fuscous, strongly mixed with black, especially beneath, anal tuft grey. Forewings elongate, moderate, costa rather strongly arched, termen obliquely rounded; 7 and 8 long stalked, 7 to apex; dull whitish-fuscous, finely irrorated throughout with blackish; dots more or less arranged in transverse fuscous fascia, from one-third of costa to middle of dorsum, very obscure on lower half, edged anteriorly by a rather

broad suffused whitish fascia; cilia greyish-fuscous. Hindwings greyish-fuscous; 6 and 7 closely approximated at base; cilia greyish-fuscous, becoming darker fuscous on basal half.

Somewhat allied to *adelopis*, Meyr., but very distinct by the neururation. The wings are shaped as in *euryptera*, Meyr.

Bathurst, New South Wales; one specimen, in April.

NARYCIA (*XYSMATODOMA*) TRIZONA, n. sp.

Male, 22 mm. Head yellowish-ochreous, palpi ochreous, basal half of second joint fuscous. Thorax and antennæ fuscous, ciliations nearly 2. Legs fuscous, tibiæ and tarsi irregularly banded with ochreous. Abdomen greyish-fuscous. Forewings elongate, moderate, costa rather strongly arched, apex obtuse, termen somewhat obliquely rounded; 7 absent; white, with blackish markings; costal edge faintly yellowish throughout, more pronounced beneath; a broad oblique basal fascia, outer edge irregularly waved; a broad oblique fascia from costa at one-third to before middle of innermargin; a similar fascia from three-fourths of costa to above anal angle, obscure on lower half; an irregular patch at apex; rest of wing more or less finely spotted; cilia fuscous (imperfect). Hindwings and cilia dark fuscous.

Stawell, Victoria; one specimen, in March.

LEPIDOSCIA BARYSEMA, n. sp.

Female, 26 mm. Head, palpi, antennæ, thorax, and legs dark fuscous. Forewings elongate, moderate, costa gently arched, apex round-pointed, termen rather strongly oblique; 7 and 8 stalked, 7 to termen; grey-whitish, irregularly and transversely strigulated with rather thick blackish streaks, more or less interrupted into spots, these spots coalesce on dorsum at one-fourth to form a somewhat quadratespot; two transverse fascia before and beyond middle, and a narrow fascia from four-fifths costa to anal angle; cilia greyish-fuscous. Hindwings light fuscous; 4 absent; cilia as in forewings.

Recalls *Xysmatodoma savosa*, Meyr., in general appearance, but the absence of vein 4 of hindwings clearly refer it to *Lepidoscia*.

Stawell, Victoria; one specimen in March.

EUSYNOPA, n. g.

Head rough, palpi porrected, hardly curved, second joint moderate, thickest at apex, terminal joint acute. Antennæ in male four-fifths, thickened. Posterior tibiæ rough haired. Forewings with vein 2 from just before angle of cell; 3 and 4 stalked from angle; 7 and 8 separate, 7 to costa, 9 and 10 stalked; 11 from a point with 10. Hindwings with all veins separate.

Type, *E. chrysogramma*, Low.

Allied to *Scardia*, Tr., but differs from it and the allied genera by the neurulation. The genus is formed to receive *chrysogramma*, Low., formerly placed by me in *Scardia*.

SCARDIA XANTHOBAPTA, n. sp.

Male, 12 mm. Head, palpi, and thorax orange-yellow. Antennæ ochreous. Abdomen and legs greyish-ochreous. Forewings elongate, moderate, costa moderately arched, termen strongly oblique; 4 present; yellowish-orange; costa narrowly dark fuscous from base to two-thirds, posterior termination abrupt, edged below at extremity with orange; a narrow waved, curved, silvery-white line from dorsum before anal angle to termen above anal angle, finely edged internally with fuscous, and enclosing a patch of deeper orange; cilia orange, becoming silvery-white at extremity of streak. Hindwings and cilia grey.

Nearest *pyrochroa*, Meyr., but differs in presence of vein 4 of forewings and other details.

Cooktown, Queensland; one specimen, in December.

CHRYSORYCTIS HEMINEPHELA, n. sp.

Female, 16 mm. Head and palpi yellow. Thorax and abdomen dark purplish-fuscous. Antennæ fuscous. Legs purplish-fuscous, posterior pair ochreous. Forewings elongate, moderate, costa gently arched, termen very oblique; pale shining yellow; a narrow purplish streak along costa from base to beyond middle, attenuated posteriorly; a fuscous-purplish spot above anal angle; cilia purplish-fuscous. Hindwings light shining purplish; cilia fuscous, at base ochreous.

Between *talantias*, Meyr., and *ochranthes*, Meyr., differing from both by the anal spot and costal streak not being connected with base.

Broken Hill, New South Wales; one specimen, in November.

CHRYSORYCTIS HEMISEMA, n. sp.

Female, 12 mm. Head and palpi yellow-ochreous. Antennæ thorax, legs, and abdomen dark purplish-fuscous. Forewings elongate, slightly dilated posteriorly, costa gently arched, termen very oblique; shining ochreous-yellow; a short flattened purplish fuscous streak along costa from base to beyond middle, suddenly attenuated on posterior two-thirds, not near reaching innermargin at base; a moderately broad purplish-fuscous band along termen anterior edge, oblique from costa at four-fifths to dorsum at about two-thirds; cilia purplish-fuscous. Hindwings bronzy-ochreous, shining; cilia light bronzy-ochreous.

Allied to *purella*, Walk., but differs especially by the basal mark not reaching dorsum.

Melbourne, Victoria; one specimen, in October.

IPHIERGA POLYZONA, n. sp.

Male, 20 mm. Head and palpi ochreous, palpi tufted. Thorax and abdomen dark fuscous, patagia fuscous. Legs fuscous, posterior pair ochreous. Forewings elongate, moderate, costa gently arched, termen rounded; 4 absent; ochreous with black markings; a narrow basal fascia, four moderate straight transverse fasciæ; first from one-fourth costa to one-fourth dorsum; second from two-thirds costa to two-thirds dorsum; third from just before middle of costa to just before middle of dorsum; fourth parallel to termen, cilia ochreous. Hindwings fuscous; cilia ochreous.

Allied to *melichrysa*, Low., but the extra fascia separates it at once. It also has considerable resemblance to *euphragma*, Meyr., but vein 4 is present in that species.

Stawell, Victoria; one (poor) specimen, in October.

